

REMARKS

Claims 1-11, as amended, remain herein.

Applicants note and appreciate that claim 4 has been allowed, and claims 7-9 are said to be allowable if amended to independent form including all limitations of the base and intervening claims.

Claims 1-3, 5, 6, 10 and 11 were rejected under 35 U.S.C. §102(b) over Rumreich, U.S. Patent 5,841,488.

Rumreich discloses a picture-in-picture processing system that can manage multiple video inputs. Rumreich's system can only perform picture-in-picture processing on one video input at a time. As such, Rumreich's system must select one of the multiple video inputs to process. Rumreich's Figure 3 discloses three video inputs, CV1, CV2, and CV3; col. 6 line 63 - col. 7 line 3. Video input CV1 is clamped by CLAMP1. Video input CV2 is clamped by CLAMP2. Video input CV3 is clamped by CLAMP3. Analog switches 300 and 400 select one of these three video inputs for picture-in-picture processing. Thus, at any given time, Rumreich's system will have one selected video input and two unselected video inputs.

The Office Action characterizes selected signals as "non-null signals" and unselected signals as "null signals." Rumreich never discloses whether unselected signals or selected signals ever have a null value. Further, Rumreich never discloses clamping either a selected or non-selected signal when that signal has a null value. Thus, Rumreich does not disclose the

advantage “holding a voltage value of an input chroma signal within a period during which the input chroma signal has a null value” as claimed by the applicants.

Claims 1, 2 and 3 also recite “reducing variations in the DC level when switching between the input chroma signal and an on-screen display signal.”

In contrast to the presently claimed invention, Rumreich discloses that a DC level of the input signal does not become equal to a DC level of output signal, because input signals are always coupled by respective capacitors (C1, C2) and are clamped to DC reference levels as shown in Fig. 1. Therefore, the Rumreich system cannot reduce variations in the DC level at a time when the input chroma signal and the OSD chroma signal are switched, as presently claimed by the applicants.

For all of the forgoing reasons, Rumreich does not disclose all elements of applicants’ claimed invention and therefore is not a proper basis for a §102(b) rejection thereof. Nor is there any disclosure or teaching in Rumreich which would have suggested applicants’ claimed invention. Thus reconsideration and withdrawal of this rejection, and allowance of all claims 1-3, 5, 6, 10 and 11 are respectfully requested.

Accordingly, the application is now fully in condition for allowance and a notice to that effect is respectfully requested. The Commissioner is hereby authorized to charge/credit any fee deficiencies or overpayments to Deposit Account No. 19-4293 (Order No. 28951.1129). If


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further amendments would place this application in even better condition for issue, the Examiner is invited to call applicants' undersigned attorney at the number listed below.

Respectfully submitted,

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